

At page ~~21~~, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 13) --;

At page ~~21~~, line 31, after the amino acid sequence, insert -- (SEQ ID NO: 14) --;

At page ~~21~~, line 32, after the amino acid sequence, insert -- (SEQ ID NO: 15) --;

At page ~~23~~, line 4, after the amino acid sequence, insert -- (SEQ ID NO: 16) --;

At page ~~23~~, line 5, after the amino acid sequence, insert -- (SEQ ID NO: 17) --;

At page ~~23~~, line 6, after the amino acid sequence, insert -- (SEQ ID NO: 18) --;

At page ~~23~~, line 7, after the amino acid sequence, insert -- (SEQ ID NO: 19) --;

At page ~~23~~, line 8, after the amino acid sequence, insert -- (SEQ ID NO: 20) --;

At page ~~23~~, line 9, after the amino acid sequence, insert -- (SEQ ID NO: 21) --;

At page ~~23~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 22) --;

At page ~~23~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 23) --;

At page ~~23~~, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 24) --;

At page ~~23~~, line 15, after the amino acid sequence, insert -- (SEQ ID NO: 25) --;

At page ~~23~~, line 16, after the amino acid sequence, insert -- (SEQ ID NO: 26) --;

At page ~~23~~, line 17, after the amino acid sequence, insert -- (SEQ ID NO: 27) --;

At page ~~23~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 28) --;

At page ~~23~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 29) --;

At page ~~23~~, line 23, after the amino acid sequence, insert -- (SEQ ID NO: 30) --;

At page ~~23~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 31) --;

At page ~~25~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 32) --;

At page ~~26~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 33) --;

At page ~~26~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 34) --;

At page ~~26~~, line 28, after the amino acid sequence, insert -- (SEQ ID NO: 35) --;

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At page ~~26~~, line 29, after the amino acid sequence, insert -- (SEQ ID NO: 36) --;

At page ~~28~~, line 8, after the amino acid sequence, insert -- (SEQ ID NO: 37) --;

At page ~~28~~, line 9, after the amino acid sequence, insert -- (SEQ ID NO: 38) --;

At page ~~28~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 39) --;

At page ~~28~~, line 11, after the amino acid sequence, insert -- (SEQ ID NO: 40) --;

At page ~~28~~, line 12, after the amino acid sequence, insert -- (SEQ ID NO: 41) --;  
At page ~~28~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 42) --;  
At page ~~28~~, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 43) --;  
At page ~~28~~, line 15, after the amino acid sequence, insert -- (SEQ ID NO: 44) --;  
At page ~~28~~, line 16, after the amino acid sequence, insert -- (SEQ ID NO: 45) --;  
At page ~~28~~, line 17, after the amino acid sequence, insert -- (SEQ ID NO: 46) --;  
At page ~~28~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 47) --;  
At page ~~28~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 48) --;  
At page ~~29~~, line 7, delete "6" and insert -- 5 --;  
At page ~~29~~, line 25, after the amino acid sequence, insert -- (SEQ ID NO: 49) --;  
At page ~~30~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 50) --;  
At page ~~30~~, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 51) --;  
At page ~~31~~, line 1, after the amino acid sequence, insert -- (SEQ ID NO: 31) --;  
At page ~~31~~, line 4, after the amino acid sequence, insert -- (SEQ ID NO: 30) --;  
At page ~~31~~, line 7, after the amino acid sequence, insert -- (SEQ ID NO: 52) --;  
At page ~~31~~, line 10, after the amino acid sequence, insert -- (SEQ ID NO: 53) --;  
At page ~~31~~, line 13, after the amino acid sequence, insert -- (SEQ ID NO: 54) --;  
At page ~~31~~, line 18, after the amino acid sequence, insert -- (SEQ ID NO: 55) --;  
At page ~~31~~, line 19, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;  
At page ~~31~~, line 20, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;  
At page ~~31~~, line 21, after the amino acid sequence, insert -- (SEQ ID NO: 57) --;  
At page ~~31~~, line 22, after the amino acid sequence, insert -- (SEQ ID NO: 58) --;  
At page ~~31~~, line 23, after the amino acid sequence, insert -- (SEQ ID NO: 59) --;

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At page ~~31~~, line 24, after the amino acid sequence, insert -- (SEQ ID NO: 60) --;  
At page ~~31~~, line 25, after the amino acid sequence, insert -- (SEQ ID NO: 61) --;  
At page ~~31~~, line 26, after the amino acid sequence, insert -- (SEQ ID NO: 62) --;  
At page ~~31~~, line 27, after the amino acid sequence, insert -- (SEQ ID NO: 63) --;  
At page ~~37~~, line 12, after the amino acid sequence, insert -- (SEQ ID NO: 56) --;

At page 37, line 14, after the amino acid sequence, insert -- (SEQ ID NO: 55) --;

At page 37, line 29, after the amino acid sequence, insert -- (SEQ ID NO: 62) --;

At page 37, line 30, after the amino acid sequence, insert -- (SEQ ID NO: 63) --;

At page 43, line 18, delete "[?]".

After Table 3 on page 52 and prior to the claims beginning on page 53, please insert the enclosed Sequence Listing, renumbering the pages as needed.

### IN THE CLAIMS

Please amend the claims as follows:

8.(Amended) The method of claim 7 wherein the dopamine receptor is a D1 dopamine receptor and the peptide is selected from the group consisting of

- (a) ILTACFLSLLILSTLLGNTLVCAAV (SEQ ID NO: 9);
- (b) FFVISLAVSDLLVAVLVMPWKAVAEIA (SEQ ID NO: 10);
- (c) NIWVAFDIMCSTASILNLCVISVD (SEQ ID NO: 11);
- (d) AAFILISVAWTLISVLISFIPVQLSW (SEQ ID NO: 12);
- (e) TYAISSSVISFYIPVAIMIVTYTRI (SEQ ID NO: 13);
- (f) TLSVIMGVVFCCWLPFFILNCILPFC (SEQ ID NO: 14);
- (g) [FDSNT] FDVFVWFGWANSSLNPIYAFNAD (SEQ ID NO: 15) and
- (h) an effective analogue or fragment of (a) to (g).

9.(Amended) The method of claim 7 wherein the dopamine receptor is a D2 dopamine receptor and the peptide is selected from the group consisting of

- (a) ATLLTLLIAVIVFGNVLVCMAVS (SEQ ID NO: 1);
- (b) LIVSLAVADLLVATLMPWVVYLEVV (SEQ ID NO: 2);
- (c) IVFTLDVMMCTASILNLCAISI (SEQ ID NO: 3);
- (d) VTVMISIVWVLSFTISCPLLFLGL (SEQ ID NO: 4);
- (e) PAFVVYSSIVSFYVPFIVTLLVYI (SEQ ID NO: 5);
- (f) MLAIVLGVFIICWLPFFITHILN (SEQ ID NO: 6);